

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Canceled)

2. (Currently amended) Shadow mask material ~~comprising~~ consisting of carbon equal to or less than 0.0008 wt%, silicon equal to or less than 0.03 wt%, manganese from 0.1 to 0.5 wt%, phosphorus equal to or less than 0.02 wt% sulfur equal to or less than 0.02 wt%, aluminum from 0.01 to 0.07 wt%, nitrogen equal to or less than 0.0030 wt% and boron satisfying an inequality of boron from 0.0013 to 0.0053 wt%  $5 \text{ ppm} \leq B - 11/14 \times N \leq 30 \text{ ppm}$  and the residue including iron and unavoidable impurities, Wherein a hot rolling ~~finish~~ furnish is higher than point  $Ar_3$ , and said steel sheet is hot rolled at a coiling temperature of from 540 to 680°C and cold rolled after pickling, and then said steel sheet is annealed in a continuous annealing step, wherein the annealing is conducted at a sheet temperature equal to or greater than 750°C, a soaking period is from 60 to 120 seconds, hydrogen is present in the annealing gas in an amount of from 0 to 75% and the residue is nitrogen and a dew point is from -30°C to 70°C,

so as to control the amount of carbon to not more than 0.0008 wt%.

Claims 3-6 (Canceled)

Claim 7. (Previously Presented) Shadow mask made of the material as claimed in claim 2.

Claim 8 (Canceled)

9. (Previously Presented) A picture tube with said shadow mask as claimed in claim 7.

10. (Currently Amended) Shadow mask material consisting ~~essentially~~ of iron and unavoidable impurities, carbon equal to or less than 0.0008 wt%, silicon equal to or less than 0.03 wt%, manganese from 0.1 to 0.5 wt%, phosphorus equal to or less than 0.02 wt%, sulfur equal to or less than 0.02 wt%, aluminum from 0.01 to 0.07 wt %, nitrogen equal to or less than 0.0030 wt %, boron from 0.0013 to 0.0053 wt%, and boron satisfying the inequality of  $5 \text{ ppm} \leq B - 11/14 \times N \leq 30 \text{ ppm}$ .

11. (Previously Presented) A shadow mask made of the material as claimed in claim 10.

Appln. No. 09/936,289  
Amd. dated March 31, 2004  
Reply to Office Action of December 31, 2003

12 (Previously Presented): A picture tube with said  
shadow mask as claimed in claim 11.